# MEEG 3013 Test Ib

## Answers:

1. $(\tau_{max})_s = 34.4$ ksi

   $(\tau_{max})_a = 15.95$ ksi

   $T = 134.7$ kip·in.

2. $\Delta T = 104.5°$

   $\sigma_s = -2.47$ ksi

   $\delta_{post} = +0.0285$ in.

3. A. (b)
   B. (g)
   C. (a)

4. (See text.)